

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: SPL

Supplier's address: Sales, Potterbakkerstraat 35, 4871EP Etten-Leur Noord Brabant, NL

Model identifier: LF024061301

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Ba22d		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	Only with specific dimmers

Product parameters

Parameter	Value	Parameter	Value
-----------	-------	-----------	-------

General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	4	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	320 in Sphere (360°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	2 500
On-mode power (P_{on}), expressed in W	4,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,00
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	93
Outer dimensions	Height	Spectral power distribution in the	See image in last page
	Width		
			35

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	35	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,472
Parameters for LED and OLED light sources:				
R9 colour rendering index value	62	Survival factor		0,96
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,90	Colour consistency in McAdam ellipses		6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)		-
Flicker metric (Pst LM)	0,1	Stroboscopic effect metric (SVM)		0,3

(a)-: not applicable;

(b)-: not applicable;

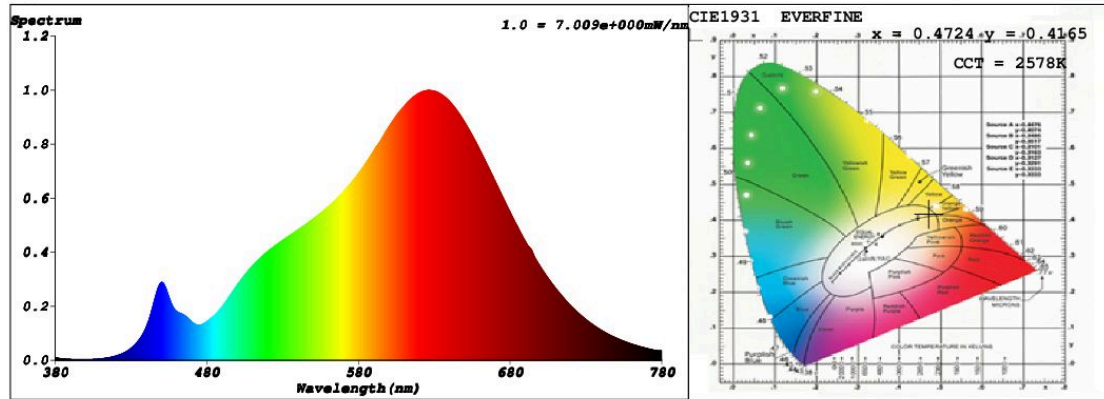
SPL Spectrum Test Report

Sample :	Date : 2021-06-18 09:55:53
Specification : LF024061301	Sam. Status :
Sample No. : LF024061301-1	Instrument : HaasSuite(EVERFINE)
Manufacturer :	Test by : Schiefer
	Assessor : damin

Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 56345 (86%)
Test Mode : Fast Test	T : 72 ms
	Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4724$ $y = 0.4165$ / $u' = 0.2679$ $v' = 0.5315$ ($duv=1.23e-03$)
 CCT= 2578K Prcp WL: Ld=584.5nm Purity=66.8%
 Peak WL: Lp=627nm FWHM: =140.2nm Ratio:R=27.6% G=70.3% B=2.1%

Render Index: Ra = 93.9

R1 =94 R2 =97 R3 =98 R4 =95 R5 =94 R6 =97 R7 =93
 R8 =83 R9 =62 R10=91 R11=97 R12=87 R13=95 R14=98 R15=89
 LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 305.12 lm Eff. : 0.00 lm/W Fe = 1.0986 W

Electrical parameters

V = 0 V I = 0 A P = 0 W PF = 0